

Claims

- [c1] 1. A sheet structure comprising:
a peelable transfer sheet having a convexo-concave shape reverse to a leather-like convexo-concave surface;
a film layer made of a film material coated on the transfer sheet; and
a porous layer formed on the film layer.
- [c2] 2. A sheet structure comprising:
a peelable transfer sheet having a convexo-concave shape reverse to a leather-like convexo-concave surface;
a film layer made of a film material filled only in concavities formed on the transfer sheet; and
a porous layer formed on the film layer.
- [c3] 3 The sheet structure according to claim 1 or 2, wherein the porous layer is formed of open-cell foam having a cell diameter ranging from 20 to 250 μ m.
- [c4] 4. The sheet structure according to claim 1 or 2, wherein the porous layer is formed by coating an aqueous polyurethane dispersion solution containing at least base resin, which is foamed through agitation, on the film layer, followed by drying.
- [c5] 5. The sheet structure according to any one of claims 1 to 4, wherein a thermally-fused open-cell foamed layer is formed on the porous layer.
- [c6] 6. The sheet structure according to claim 5, wherein the thermally-fused open-cell foamed layer is formed by coating a thermally-fused aqueous polyurethane dispersion solution, which is foamed through agitation so that a specific gravity thereof is kept in a range from 0.10 to 0.7, on the porous layer, followed by drying.
- [c7] 7. A sheet structure constituted by combining together the sheet structure as set forth in claim 1 or 2 and a base material composed of a nonwoven fabric, a woven fabric, a knit, or the like, via an adhesive coated on a porous-layer side of the sheet structure or the base material in a dot-scattered manner.

[c8] 8. The sheet structure according to claim 7, wherein the adhesive is made of a moisture-crosslinking type compound.

[c9] 9. A method for manufacturing a sheet structure, comprising the steps of:
coating a film layer made of a film material on a peelable transfer sheet having a convexo-concave shape reverse to a leather-like convexo-concave surface;
forming a porous layer on the film layer;
press-fitting a base material on the porous layer in an undried state; and
peeling off the transfer sheet.